



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

Solutia Inc.

730 Worcester Street

Springfield, MA 01151

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Saflex CP — Saflex and Saflex HP Composite Glass Interlayers with PET Core

APPROVAL DOCUMENT: Drawing No. 1815, titled "Saflex CP Interlayers for Laminated Glass," Sheets 1 and 2 of 2, dated 04/06/2012, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Glass laminated under this Product Approval shall be permanently marked in a corner of the glass with: a) **Saflex CP**, b) Authorized laminator's name, c) M.D.C.A. that stands for Miami Dade County Approved and d) Markings required by federal law for safety glazing.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises** NOA # 08-1224.04 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



CF Utrera
06/06/2012

NOA No. 11-1102.09

Expiration Date: December 11, 2013

Approval Date: June 14, 2012

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **1815**, titled "Saflex CP Interlayers for Laminated Glass," Sheets 1 and 2 of 2, dated 04/06/2012, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

B. TESTS "Submitted under NOA # 03-0415.13"

	<u>Laboratory</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	Omega 15542-110291	ASTM E 84	02/26/03	J.W. Dougherty, P.E.
2.	Omega 15542-110291	ASTM E 84	02/26/03	J.W. Dougherty, P.E.
4.	ETC 03-191-13090.0	ASTM D 1929	02/10/03	J. L. Doldan, P.E.
5.	ETC 03-191-13090.0	ASTM D 635	02/10/03	J. L. Doldan, P.E.
6.	ETC 03-191-13090.0	ASTM D 2843	02/10/03	J. L. Doldan, P.E.
7.	ETC 01-726-11271.0	ASTM C 158	10/15/01	J. L. Doldan, P.E.
8.	ETC 03-191-13748.0	ASTM D 2843	07/25/03	J. L. Doldan, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE


1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

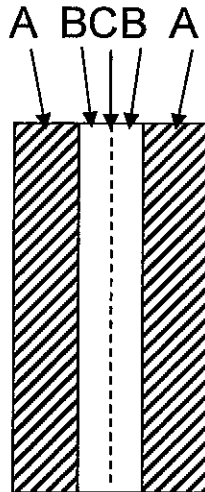
1. Statement letter of code conformance to 2007 and 2010 FBC, issued by W. W. Schaefer Engineering & Consulting, P.A., dated 10/26/2011, signed and sealed by Warren W. Schaefer, P.E.
2. No financial interest letter issued by W. W. Schaefer Engineering & Consulting, P.A., on 10/24/2011, signed and sealed by Warren W. Schaefer, P.E.


06/06/2012

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 11-1102.09
Expiration Date: December 11, 2013
Approval Date: June 14, 2012

Saflex® CP

Product Description



SECTION

Manufactured By: Solutia Inc.

Description: Saflex® CP is a combination of clear or colored plasticized polyvinyl butyral interlayers with a clear polyethylene terephthalate (PET) core for lamination between two or more lites of glass. A typical glazing is made of the following components (minimum thicknesses indicated - multiple layers of interlayer to be used as necessary):

A - 2.3 mm (0.090-in) Annealed Glass

B - 0.76 mm (0.030-in) Saflex® or Saflex® HP Interlayers (Clear or Colored)

C - 0.05 mm (0.002-in) Polyethylene terephthalate (PET)

Product Properties

Description	Test	PVB & PET Composites(2)
(1) Flame Spread Index	ASTM E84	55
(1) Smoke Develop Index	ASTM E84	350°F
(1) Self Ignition Temp	ASTM D1929	660°F
(1) Avg. Time of Burning	ASTM D635	1.52 min. C ₂
(1) Avg. Extent of Burning	ASTM D635	2.96 inches
(1) Smoke Density	ASTM 2843	54.9%
(1&3) Avg Mod of Rupture	ASTM C158	Weathering (3)

- (1) Specimen: Laminated glass with Saflex® CP type interlayer
(2) Saflex® CP type interlayer by itself (unprotected) does NOT comply with Florida Building Code.
(3) Weathering per section 2612 of the Florida Building Code
(Before MR = 3901.571 psi; After MR = 3597.164 psi Delta 7.8%)

Saflex® CP type interlayers are currently provided as: Saflex Secure, Saflex Solar, Saflex Storm, Saflex VSO2, Saflex VSR8 and Vanceva Pure White.

Saflex CP type interlayers have also been known as Vanceva VSO2, Vanceva Storm and Vanceva Composites. These name are obsolete and should no longer be used in reference to this product.

®Saflex is a trademark of Solutia Inc.

This is a component approval and does not include an evaluation of structural performance of this component. Systems incorporating this component shall apply for an NOA to the Miami-Dade Product Control and shall submit test reports and other required documents showing that the systems using this component will resist the loads according to chapter 16 of the F.B.C. A list of authorized laminators shall be filed with Miami-Dade County by Solutia Inc.

PRODUCT REVIEWED
as complying with the Florida
Building Code

Acceptance No. 11-1422.07
Expiration Date 12/11/2013

By [Signature]
Miami-Dade Product Control

B1	CHANGED FOR LABEL CLARIFICATION	04/06/12
A1	CHANGED PRODUCT NAME TO SAFLEX	09/12/08
REV.#	DESCRIPTION	DATE

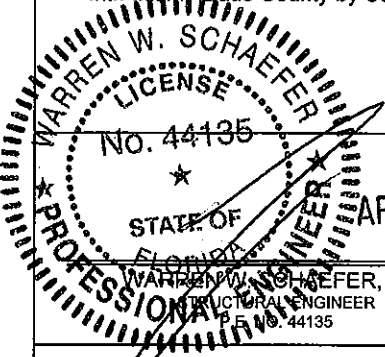
Solutia Inc.

730 Worcester Street, Springfield, MA 01151
Phone: 413-730-3413; FAX 508-861-0127

Title: **Saflex® CP Interlayers for Laminated Glass**

Drawing No. 1815 Drawn by: Drawing Date 04/06/12 Sheet No. 1 OF 2

W.W. SCHAEFER ENGINEERING & CONSULTING P.A.
STRUCTURAL CONSULTING ENGINEERS
7480 150th COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

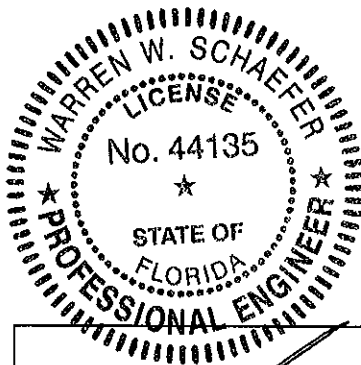


Material Designation	Smoke Density Rating per ASTM D 2843	Dade Notification #
Saflex® Colorants		
Saflex® – Clear	61.1	ETC03024
Saflex® – White	62.6	ETC03023
Saflex® – Black	68.1	ETC03013
Saflex® – Blue	50.6	ETC03025
Saflex® – Yellow	59.6	ETC03016
Saflex® – Red	50.8	ETC03015
Saflex® – Metallic	60.0	ETC03014

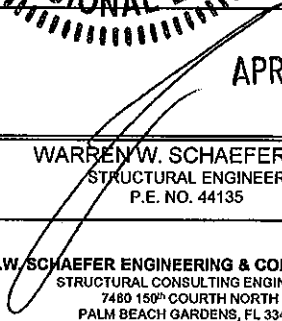
Note(s):

Saflex® Storm/VSO2 was also known as Vanceva® Storm/VSO2 prior to the brand name change 09/12/08. Vanceva Storm/VSO2 was referenced on the Vanceva Composites NOA 08-0520.08 expiring 12/11/13. ©Saflex and Vanceva are registered trademarks of Solutia Inc.

This is a component approval and does not include an evaluation of structural performance of this component. Systems incorporating this component shall apply for an NOA with Miami-Dade County Product Control and submit test reports and other documents showing that the systems using this component will resist the loads according to Chapter 16 of the Florida Building Code.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1102.09
Expiration Date 12/11/2013
By *[Signature]*
Miami Dade Product Control

 APR 09 2012 WARREN W. SCHAEFER, P.E. STRUCTURAL ENGINEER P.E. NO. 44135	Solutia Inc. 730 Worcester Street, Springfield, MA 01151 Phone: 413-730-3413; FAX 508-861-0127			
	Title: Saflex® CP Interlayers for Laminated Glass			
W.W. SCHAEFER ENGINEERING & CONSULTING P.A. STRUCTURAL CONSULTING ENGINEERS 7480 150th COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	Drawing No. 1815	Drawn by:	Drawing Date 04/06/12	Sheet No. 2 OF 2